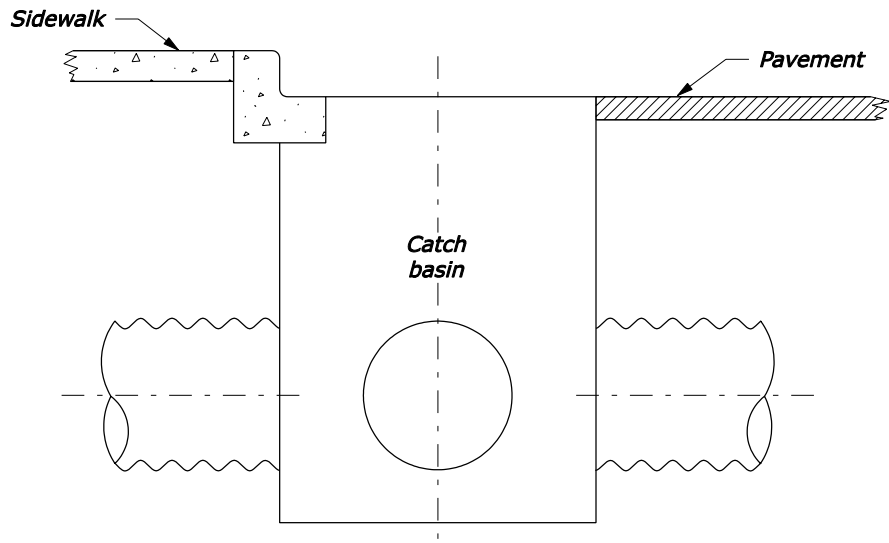
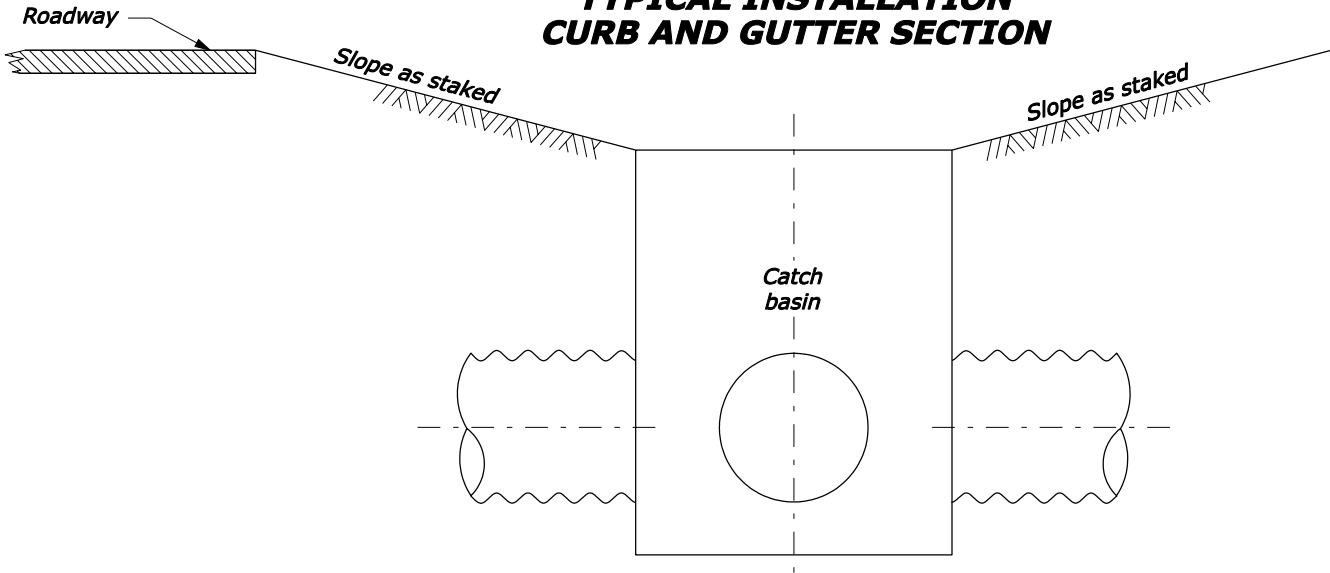


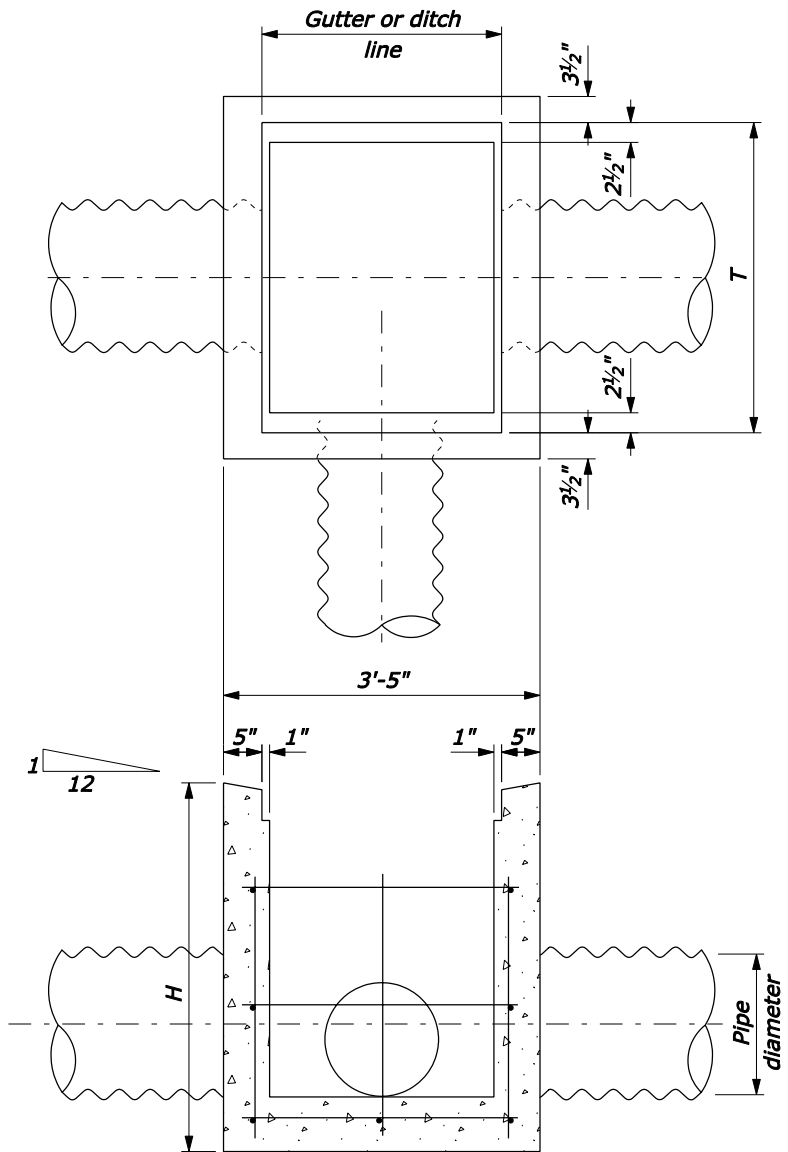
**TYPICAL INSTALLATION
CURB SECTION**



**TYPICAL INSTALLATION
CURB AND GUTTER SECTION**



**TYPICAL INSTALLATION
DITCH SECTION**



All reinforcing steel
#4 at 12"±.
Bend to clear pipe

INLET DETAIL

NOTE:

1. **CONCRETE:** Chamfer exposed edges 3/4" unless otherwise shown. Give all concrete surfaces a Class 1 finish.
2. The minimum concrete cover to the face of any bar is 2" unless otherwise shown.
3. See Standard 604-2 for Type A Frame and Grate and Standard 604-3 for Type B Frame and Grate.

| CONCRETE CATCH BASINS | | | |
|--------------------------|------------|----------------------|--------|
| PIPE SIZE DIAMETER | DEPTH H | FRAME AND GRATE T | |
| | | TYPE A | TYPE B |
| 12" | 3'-0" | 2'-6" | 2'-6" |
| 18" | 3'-0" | 2'-6" | 2'-6" |
| 24" | 4'-0" | 3'-3" | 3'-4" |
| 30" | 4'-0" | 4'-0" | 4'-2" |
| 36" | 4'-6" | 4'-9" | 5'-0" |
| 42" | 5'-0" | 5'-6" | 5'-5" |
| 48" | 5'-6" | 6'-3" | 6'-3" |

| CONCRETE CATCH BASINS | | | | |
|------------------------------------|----------------------|----------------------------|-----------------------|--------|
| PIPE SIZE DIAMETER INCHES | ESTIMATED QUANTITIES | | | |
| | CONCRETE CUYD | REINFORCING STEEL LB | FRAME AND GRATE LB | |
| | | | TYPE A | TYPE B |
| 12 | 0.7 | 54 | 215 | 238 |
| 18 | 0.7 | 54 | 215 | 238 |
| 24 | 1.1 | 81 | 271 | 314 |
| 30 | 1.2 | 92 | 327 | 390 |
| 36 | 1.5 | 101 | 383 | 466 |
| 42 | 1.8 | 131 | 439 | 504 |
| 48 | 2.2 | 151 | 495 | 580 |

NO SCALE

| | |
|--|----------|
| U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION FEDERAL LANDS HIGHWAY | |
| U.S. CUSTOMARY STANDARD | |
| CATCH BASIN TYPE 1 | |
| STANDARD APPROVED FOR USE 6/2005 | STANDARD |
| REVISED: | 604-1 |